### Data Interpretation Guide

### **SEVENTH GRADE** 2013-2014

Christopher Parker, Ph.D.
IDEAL Consulting Services, Inc.
(508) 636-6615
(866) 254-6136
cparker@idealconsultingservices.com
www.idealconsultingservices.com



### Massachusetts Public Schools' Norms: Seventh Grade

| Subtest    | Well Above<br>Average | Above<br>Average | Average | Low<br>Average | Below<br>Average | Well Below<br>Average |  |
|------------|-----------------------|------------------|---------|----------------|------------------|-----------------------|--|
|            | Fall                  |                  |         |                |                  |                       |  |
| ■ CBM/ORF  | ≥ 207                 | 184-206          | 144-183 | 133-143        | 112-132          | ≤ 111                 |  |
| ■ CBM Maze | ≥ 44                  | 35-43            | 27-34   | 23-26          | 19-22            | ≤ 18                  |  |
| ■ D-ORF*   | NOT AVAILABLE         |                  |         |                |                  |                       |  |
| ■ DAZE     | NOT AVAILABLE         |                  |         |                |                  |                       |  |
| Winter     |                       |                  |         |                |                  |                       |  |
| ■ CBM/ORF  | ≥ 228                 | 201-227          | 164-200 | 146-163        | 124-145          | ≤ 123                 |  |
| ■ CBM Maze | ≥ 47                  | 41-46            | 32-40   | 29-31          | 23-28            | ≤ 22                  |  |
| ■ D-ORF*   | NOT AVAILABLE         |                  |         |                |                  |                       |  |
| ■ DAZE     | NOT AVAILABLE         |                  |         |                |                  |                       |  |
| Spring     |                       |                  |         |                |                  |                       |  |
| ■ CBM/ORF  | ≥ 256                 | 224-255          | 181-223 | 160-180        | 138-159          | ≤ 137                 |  |
| ■ CBM Maze | ≥ 55                  | 48-54            | 38-47   | 33-37          | 27-32            | ≤ 26                  |  |
| ■ D-ORF*   | NOT AVAILABLE         |                  |         |                |                  |                       |  |
| ■ DAZE     | NOT AVAILABLE         |                  |         |                |                  |                       |  |

Norms developed for use during the 2013-2014 school year.

### National Public Schools' Norms: Seventh Grade

| Subtest  | Well Above<br>Average | Above<br>Average | Average | Low<br>Average | Below<br>Average | Well Below<br>Average |
|----------|-----------------------|------------------|---------|----------------|------------------|-----------------------|
| Fall     |                       |                  |         |                |                  |                       |
| aReading | ≥ 560                 | 546-559          | 524-545 | 513-523        | 499-512          | ≤ 498                 |
| Winter   |                       |                  |         |                |                  |                       |
| aReading | ≥ 565                 | 552-564          | 528-551 | 518-527        | 505-517          | ≤ 504                 |
| Spring   |                       |                  |         |                |                  |                       |
| aReading | ≥ 571                 | 558-570          | 534-557 | 524-533        | 511-523          | ≤ 510                 |

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## Expected Weekly Growth Rates for *CBM/ORF/D-ORF\**, *CBM Maze*, & *DAZE*

| GRADE 7        |           |           |  |  |
|----------------|-----------|-----------|--|--|
| Subtest        | Realistic | Ambitious |  |  |
| CBM/ORF/D-ORF* | 0.30      | 0.65      |  |  |
| CBM Maze       | 0.20      | 0.37      |  |  |
| DAZE           | N/A       | N/A       |  |  |

<sup>\*</sup>D-ORF - DIBELS® Next Oral Reading Fluency (DORF)

Adapted from Fuchs, Fuchs, Hamlett, Walz, & Germann (1993). Formative evaluation of academic progress: How much growth can we expect? School Psychology Review, 22(1), 27-48.

Note: Growth rates were prorated to take into account revised administration times for each subtest and grade.

# Massachusetts 2013-2014 40th Percentile Cut-off Scores for the 4-Square Instructional Grouping Tables

#### **Seventh Grade**

| Tool     | Fall               | Winter             | Spring             |  |
|----------|--------------------|--------------------|--------------------|--|
| Test     | 40 <sup>th</sup> % | 40 <sup>th</sup> % | 40 <sup>th</sup> % |  |
| CBM/ORF  | 144                | 164                | 181                |  |
| CBM Maze | 27                 | 32                 | 38                 |  |
| D-ORF*   | NOT AVAILABLE      |                    |                    |  |
| DAZE     | NOT AVAILABLE      |                    |                    |  |

<sup>\*</sup>D-ORF - DIBELS® Next Oral Reading Fluency (DORF)